



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Biopesticides and Pollution Prevention Division (7511P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg.  
Number:  
524-657

Date of Issuance:  
5/9/2019

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:  
Unconditional, Time-Limited

Name of Pesticide Product:  
MON 88702 × MON 15985 ×  
COT102

Name and Address of Registrant (include ZIP Code):

Monsanto Company  
800 North Lindbergh Blvd.  
St. Louis, MO 63167

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product, always refer to the above EPA Registration Number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA or the Act).

Registration is in no way to be construed as an endorsement or recommendation of this product by the U.S. Environmental Protection Agency (EPA). In order to protect health and the environment, the Administrator, on his or her motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under the Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) and is subject to the following terms:

1. The subject registration will be limited to the following *Bacillus thuringiensis* proteins: Cry51Aa2.834\_16 (vector PV-GHIR508523), Cry1Ac (vector PV-GHBK04), Cry2Ab2 (vector PV-GHBK11), Vip3Aa19 (vector pCOT1) and the genetic material necessary for their production in cotton (OECD Unique Identifier: MON-88702-4 × MON-15985-7 × SYN-IR102-7).
2. The subject registration will automatically expire at midnight on January 31, 2021.
3. Submit and/or cite all data required for registration or registration review of MON 88702 × MON 15985 × COT102 cotton when the EPA requires all registrants of similar products to submit such data.

4. MON 88702 × MON 15985 × COT102 cotton seed may only be planted for the purposes of agronomic evaluation, seed increase, and production in breeding nurseries as specified in the terms of this registration and on the labeling.
5. Commercial plantings of this product for the purposes of commodity production and controlling insect pests are prohibited.
6. Plants that contain the pesticide product may be grown on a total of 40,000 acres or less per year in the U.S. and the territory of Puerto Rico, with a limit of 2,000 acres per county, subject to the restrictions below.

The following restrictions apply and must appear on informal material accompanying this product:

- a) No planting of MON 88702 × MON 15985 × COT102 cotton is permitted south of Route 60 (near Tampa) in Florida.
- b) Experimental plots and breeding nurseries of MON 88702 × MON 15985 × COT102 cotton are prohibited on the U.S. Virgin Islands and Hawaii.
- c) Test plots or breeding nurseries, regardless of plot size, established on the island of Puerto Rico may only be established without restriction if insecticide applications are used to effectively mitigate gene flow. Otherwise, established test plots or breeding nurseries, regardless of plot size, established on the island of Puerto Rico must not be planted within three miles of feral cotton and must be surrounded by 24 border rows of a suitable pollinator trap crop, and
- d) Harvested seed are not allowed for sale as commercial seed in the U.S. under the current terms of this registration, but any seed containing MON 88702 × MON 15985 × COT102 may be handled in accordance with legal and regulatory requirements.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6. A stamped copy of the labeling is enclosed for your records.

If you have any questions, please contact Kara Welch of my team by phone at (703) 308-8150 or via email at [welch.kara@epa.gov](mailto:welch.kara@epa.gov).

Signature of Approving Official:



Alan Reynolds, Team Leader  
Emerging Technologies Branch  
Biopesticides and Pollution Prevention Division (7511P)  
Office of Pesticide Programs

Date:

May 9, 2019

**ACCEPTED**

05/09/2019

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 524-657

**Plant-Incorporated Protectant Label**

**MON 88702 × MON 15985 × COT102**

Insect-Protected Cotton

(OECD Unique Identifier MON-88702-4 × MON-15985-7 × SYN-IR102-7)

**Active Ingredients:**

*Bacillus thuringiensis* Cry51Aa2.834\_16 protein and the genetic material (vector PV-GHIR508523) necessary for its production in MON 88702 × MON 15985 × COT102 cotton (OECD Unique Identifier MON-88702-4 × MON-15985-7 × SYN-IR102-7) .....  
..... ≤ 0.027%\*

*Bacillus thuringiensis* Cry1Ac protein and the genetic material (vector PV-GHBK04) necessary for its production in MON 88702 × MON 15985 × COT102 cotton (OECD Unique Identifier MON-88702-4 × MON-15985-7 × SYN-IR102-7)..... ≤ 0.0012%\*

*Bacillus thuringiensis* Cry2Ab2 protein and the genetic material (vector PV-GHBK11) necessary for its production in MON 88702 × MON 15985 × COT102 cotton (OECD Unique Identifier MON-88702-4 × MON-15985-7 × SYN-IR102-7)..... ≤ 0.041%\*

*Bacillus thuringiensis* Vip3Aa19 protein and the genetic material (vector pCOT1) necessary for its production in MON 88702 × MON 15985 × COT102 cotton (OECD Unique Identifier MON-88702-4 × MON-15985-7 × SYN-IR102-7)..... ≤ 0.000432%\*

**Inactive Ingredients:**

Neomycin phosphotransferase II (NPTII) protein, and the genetic material (vector PV-GHBK04) necessary for its production in MON 88702 × MON 15985 × COT102 cotton (OECD Unique Identifier MON-88702-4 × MON-15985-7 × SYN-IR102-7) .....  
..... ≤ 0.00066%\*

β-glucuronidase (GUS) protein and the genetic material (vector PV-GHBK11) necessary for its production in MON 88702 × MON 15985 × COT102 cotton (OECD Unique Identifier MON-88702-4 × MON-15985-7 × SYN-IR102-7) ..... ≤ 0.0068%\*

Hygromycin B phosphotransferase (APH4) protein and the genetic material (vector pCOT1) necessary for its production in MON 88702 × MON 15985 × COT102 cotton (OECD Unique Identifier MON-88702-4 × MON-15985-7 × SYN-IR102-7) .....  
..... ≤ 0.000076%\*

\* Percentage protein on a dry weight basis in cottonseed.

KEEP OUT OF REACH OF CHILDREN

# CAUTION

**EPA Registration No. 524-XXX**

**EPA Establishment No. 524-MO-002**

Monsanto Company  
800 North Lindbergh Blvd.  
St Louis, MO 63167

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## **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. This product must be used as specified in the terms and conditions of the registration.

This product may be planted for breeding purpose, for example, seed manufacturing, research, agronomic testing, small scale research trials, and productions in breeding nurseries on a total of 40,000 acres or less per year in the U.S.A, and the territory of Puerto Rico (subject to the restrictions detailed below), with a limit of 2,000 acres per county, subject to the restrictions below.

The following information regarding test plots and seed production must be displayed on bags/bag tags of this product intended for these purposes:

- a) Experimental plots and breeding nurseries of this product are prohibited on the U.S. Virgin Islands, South of Route 60 (near Tampa) in Florida, and Hawaii.
- b) Test plots or breeding nurseries, regardless of plot size, established on the island of Puerto Rico may be established without restriction if insecticide applications are used to effectively mitigate gene flow. Otherwise, established test plots or breeding nurseries, regardless of plot size, established on the island of Puerto Rico must not be planted within three miles of feral cotton and must be surrounded by 24 border rows of a suitable pollinator trap crop.
- c) Harvested seed is not allowed for sale as commercial seed in the U.S. under the current conditions of this registration, but any harvested material containing this product may be handled in accordance with legal and regulatory requirements (e.g., non-treated seed may be sold as grain).

Commercial plantings of this product are prohibited.

There are no refuge requirements for planting of this product.